

CLAIMS:

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1. A generalized automatic hyperlinking system comprising:
 - 5 source-level partial hyperlinking;
 - source-level dynamic hyperlinking;
 - static hyperlinking;
 - static hyperlinking with intermediate links; and
 - incremental hyperlinking.
- 10 2. A generalized automatic hyperlinking system as claimed in claim 1 wherein said source-level partial hyperlinking comprises:
 - a source identifier;
 - 15 a source anchor generator connected to said source identifier;
 - an initial semi-link generator connected to said source anchor generator; and
 - link management connected to said initial semi-link
 - 20 generator.
3. A generalized automatic hyperlinking system as claimed in claim 1 wherein said source-level dynamic hyperlinking comprises:
 - 25 a source identifier;
 - a source anchor generator connected to said source identifier;
 - an initial semi-link generator connected to said source anchor generator;
 - 30 link management connected to said initial semi-link generator;
 - a link browser connected to said source identifier and said link management; and
 - a document browser connected to said link browser.

4. A generalized automatic hyperlinking system as claimed in claim 1 wherein said static hyperlinking comprises:

- 5 a source identifier;
- a source anchor generator connected to said source identifier;
- an intermediate destination identifier connected to said source anchor generator;
- 10 a destination identifier connected to said intermediate destination identifier;
- a final link generator connected to said destination identifier; and
- link management connected to said final link generator.
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5. A generalized automatic hyperlinking system as claimed in claim 1 wherein said static hyperlinking with intermediate links comprises:

- 20 a source identifier;
- a source anchor generator connected to said source identifier;
- an intermediate destination identifier connected to said source anchor generator;
- 25 an intermediate anchor generator connected to said intermediate destination identifier;
- an intermediate link generator connected to said intermediate anchor generator;
- a destination identifier connected to said intermediate link generator;
- 30 a final link generator connected to said destination identifier; and

link management connected to said final link generator.

6. A generalized automatic hyperlinking system as
5 claimed in claim 1 wherein said incremental hyperlinking comprises:

a source identifier;

a source anchor generator connected to said source identifier;

10 an intermediate destination identifier connected to said source anchor generator;

an intermediate anchor generator connected to said intermediate destination identifier;

an intermediate link generator connected to said
15 intermediate anchor generator;

a destination identifier connected to said intermediate link generator;

a final link generator connected to said destination identifier;

20 link management connected to said source anchor generator, said intermediate anchor generator; said intermediate link generator and said final link generator; and

a link database connected to said link management.
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7. A generalized automatic hyperlinking system comprising:

a source identifier;

a source anchor generator connected to said source
30 identifier;

an initial semi-link generator connected to said source anchor generator; and

link management connected to said initial semi-link generator.

8. A generalized automatic hyperlinking system as
5 claimed in claim 7 further comprising:

a link browser connected to said source identifier
and said link management; and
a document browser connected to said link browser.

10 ~~9/~~ A generalized automatic hyperlinking system
comprising:

a source identifier;

a source anchor generator connected to said source
identifier;

15 an intermediate destination identifier connected to
said source anchor generator;

a destination identifier connected to said
intermediate destination identifier;

a final link generator connected to said destination
20 identifier; and

link management connected to said final link
generator.

10. A generalized automatic hyperlinking system as
25 claimed in claim 9 further comprising:

an intermediate anchor/link generator connected
between said intermediate destination identifier and said
destination identifier wherein said intermediate
anchor/link generator comprises:

30 an intermediate anchor generator connected to said
intermediate destination identifier; and

an intermediate link generator connected between said intermediate anchor generator and said destination identifier.

- 5 11. A generalized automatic hyperlinking system as claimed in claim 10:

wherein said link management is connected to said source anchor generator, said intermediate anchor generator and said intermediate link generator.

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12. A generalized automatic hyperlinking system as claimed in claim 11 further comprising:

a link database connected to said link management.

- 15 13. A generalized automatic hyperlinking system as claimed in claim 11 further comprising:

an initial semi-link generator connected to said source anchor generator and said link management;

- 20 an intermediate semi-link generator connected to said intermediate anchor generator and said link management;
and,

a final semi-link generator connected to said destination identifier and said link management.

- 25 14. A generalized automatic hyperlinking system as claimed in claim 13 further comprising:

a link browser connected between said source identifier and said link management.

- 30 15. A generalized automatic hyperlinking system as claimed in claim 14 further comprising:

a document browser connected to said link browser.

16. A generalized automatic hyperlinking system as claimed in claim 14 further comprising:

a link interpreter connected to said link browser.

5 17. A generalized automatic hyperlinking system as claimed in claim 16 further comprising:

a document browser connected to said link browser.

10 18. A method for automatic hyperlinking comprising the steps of:

identifying a source;
generating a source anchor;
generating an initial semi-link; and
utilizing link management.

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~~19.~~ A method for automatic hyperlinking as claimed in claim 18 further comprising the steps of:

utilizing a link browser; and
utilizing a document browser.

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~~20.~~ A method for automatic hyperlinking comprising the steps of:

identifying a source;
generating a source anchor;
25 identifying an intermediate destination;
identifying a destination;
generating a final link; and
utilizing link management.

30 21. A method for automatic hyperlinking as claimed in claim 20 further comprising the steps of:

generating an intermediate anchor/link; wherein
generating said intermediate anchor/link comprises the
steps of:

- 5 generating an intermediate anchor; and
 generating an intermediate link.

22. A method for automatic hyperlinking as claimed in
claim 21 further comprising the steps of:
 utilizing a link database.

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23. A method for automatic hyperlinking as claimed in
claim 21 further comprising the steps of:
 generating an initial semi-link;
 generating an intermediate semi-link; and
15 generating a final semi-link.

24. A method for automatic hyperlinking as claimed in
claim 23 further comprising the steps of:
 utilizing a link browser.

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25. A method for automatic hyperlinking as claimed in
claim 23 further comprising the steps of:
 utilizing a link interpreter; and
 utilizing a document browser.

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26. A generalized automatic hyperlinking system
comprising:
 source identifier means;
 source anchor generator means connected to said
30 source identifier means;
 initial semi-link generator means connected to said
 source anchor generator means;

intermediate destination identifier means connected to said source anchor generator means;

intermediate anchor generator means connected to said intermediate destination identifier means;

5 intermediate link generator means connected to said intermediate anchor generator means;

intermediate semi-link generator means connected to said intermediate anchor generator means;

10 destination identifier means connected to said intermediate link generator means;

final semi-link generator means connected to said destination identifier means;

final link generator means connected to said destination identifier means;

15 link management means connected to said initial semi-link generator means, said source anchor generator means, said intermediate semi-link generator means, said intermediate anchor generator means, said intermediate link generator means, said final semi-link generator
20 means and said final link generator means;

link database means connected to said link management means;

link browser means connected to said link management means and said source identifier means;

25 link interpreter means connected to said link browser means; and

document browser means connected to said link browser means.